United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **SEMICONDUCTOR LASER WITH A TAPERED** RIDGE.

The specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application À in-accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. §1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

No such claim for priority is being made at this time.

Serial No. not assigned Filing Date: not assigned

Signature:

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to ransact all business in the Patent and Trademark Office connected herewith:

transact all business	in the Patent and	Trademark Office conne	ected herewith:		
	D N. 24.016	Heads John I	Reg. No. 36,154	Nelson, Albin J.	Reg. No. 28,650
Anglin, J. Michael	Reg. No. 24,916	Haack, John L.	Reg. No. 37,346	Nicholson, Lea A.	Reg. No. 48,346
Arora, Suneel	Reg. No. 42,267	Harris, Robert J.		Nielsen, Walter W.	Reg. No. 25,539
Beekman, Marvin L.	Reg. No. 38,377	Hill, Stanley K.	Reg. No. 37,548	Padys, Danny J.	Reg. No. 35,635
Bianchi, Timothy E.	Reg. No. 39,610	Jackson Huebsch, Katharine A.		Parker, J. Kevin	Reg. No. 33,024
Billion, Richard E.	Reg. No. 32,836	Jurkovich, Patti J.	Reg. No. 44,813	Perdok, Monique M.	Reg. No. 42,989
Black, David W.	Reg. No. 42,331	Kalis, Janal M.	Reg. No. 37,650	•	Reg. No. 41,246
Brennan, Leoniede M.	Reg. No. 35,832	Klima-Silberg, Catherine I.	Reg. No. 40,052	Peret, Andrew R.	Reg. No. 47,857
Brennan, Thomas F.	Reg. No. 35,075	Kluth, Daniel J.	Reg. No. 32,146	Peterson, David C.	
Brooks, Edward J., III	Reg. No. 40,925	Lacy, Rodney L.	Reg. No. 41,136	Prout, William F.	Reg. No. 33,995
Chadwick, Robin A.	Reg. No. 36,477	Lemaire, Charles A.	Reg. No. 36,198	Schumm, Sherry W.	Reg. No. 39,422
Clark, Barbara J.	Reg. No. 38,107	LeMoine, Dana B.	Reg. No. 40,062	Schwegman, Micheal L.	Reg. No. 25,816
Clise, Timothy B.	Reg. No. 40,957	Lundberg, Steven W.	Reg. No. 30,568	Scott, John C.	Reg. No. 38,613
Cochran, David R.	Reg. No. 46,632	Maki, Peter C.	Reg. No. 42,832	Smith, Michael G.	Reg. No. 45,368
Dahl, John M.	Reg. No. 44,639	Malen, Peter L.	Reg. No. 44,894	Speier, Gary J.	Reg. No. 45,458
Drake, Eduardo E.	Reg. No. 40,594	Mates, Robert E.	Reg. No. 35,271	Steffey, Charles E.	Reg. No. 25,179
Embretson, Janet E.	Reg. No. 39,665	McCrackin, Ann M.	Reg. No. 42,858	Stordal, Leif T.	Reg. No. 46,251
Forrest, Bradley A.	Reg. No. 30,837	McTavish, Hugh E.	Reg. No. 48,341	Terry, Kathleen R.	Reg. No. 31,884
Gamon, Owen J.	Reg. No. 36,143	Mehrle, Joseph P.	Reg No. 45,535	Tong, Viet V.	Reg. No. 45,416
Gorrie, Gregory J.	Reg. No. 36,530	Moore, Charles L., Jr.	Reg. No. 33,742	Viksnins, Ann S.	Reg. No. 37,748
Gortyck, Joseph E.	Reg. No. 41,791	Muller, Mark V.	Reg. No. 37,509	Woessner, Warren D.	Reg. No. 30,440
Greaves, John N.	Reg. No. 40,362	Nama, Kash	Reg. No. 44,255		
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I hereby author	rize them to act and r	ely on instructions from and	communicate directl	with the person/assigne	e/attorney/
Thereby addition	1:1.6	Ali-	m/which I haraby d	eclare that I have concent	ed after full
firm/organization/who/v	vnich first sends/sent	this case to them and by who	m which i hereby d	ectate that I have consent	ed after full
disclosure to be represen	nted unless/until I ins	struct Schwegman, Lundberg,	, Woessner & Kluth,	, P.A. to the contrary.	
a -					ated below:
a -		to Schwegman, Lundberg,	Woessner & Kluth,		ated below:
Please direct all corresp			Woessner & Kluth,		ated below:
Please direct all corresp		to Schwegman, Lundberg, P.O. Box 2938, Minnea	Woessner & Kluth, polis, MN 55402		ated below:
Please direct all corresp		to Schwegman, Lundberg,	Woessner & Kluth, polis, MN 55402		ated below:
Please direct all corresp	ondence in this case	to Schwegman, Lundberg, P.O. Box 2938, Minnea Telephone No. (61)	Woessner & Kluth, polis, MN 55402 2)373-6900	, P.A. at the address indic	
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Date:

Attorney Docket No.: 500.804US1 Serial No. not assigned Filing Date: not assigned

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§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being nade of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.